



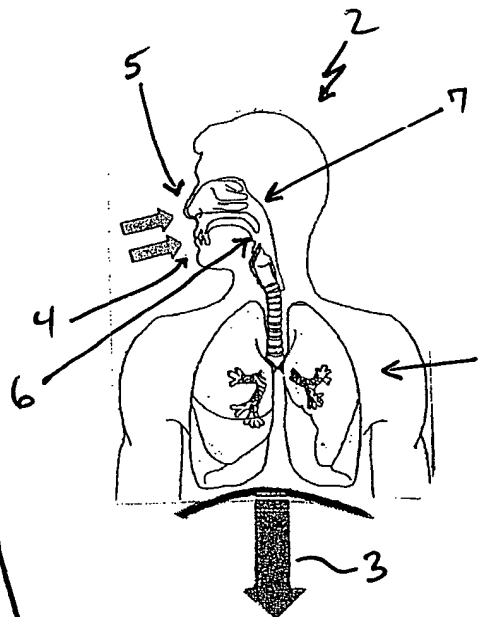
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REPLACEMENT DRAWING
12/14/2001

Inhalation

AIR ENTERS THE
NOSE AND MOUTH

THE CHEST ELASTICALLY
DEFORMS

THE DIAPHRAGM IS
FORCEFULLY LOWERED



FLOW RESISTANCE
IS ENCOUNTERED
IN THE NASOPHARYNX
AND THE
OROPHARYNX

NEGATIVE PRESSURE
OCCURS IN THE
LUNGS

FIG. 1



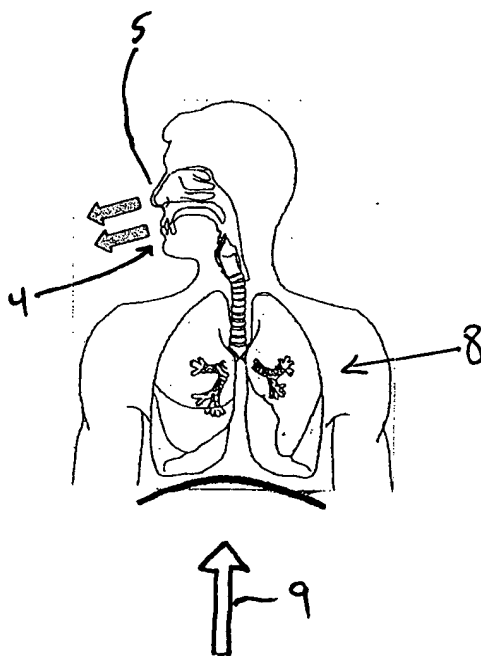
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Exhalation

AIR EXITS THE
NOSE AND MOUTH

THE CHEST RETURNS
TO ITS UNDEFORMED
POSITION

THE DIAPHRAGM IS
RELAXED (PASSIVE)



FLOW RESISTANCE
IS ENCOUNTERED
IN THE
NASOPHARYNX AND
THE OROPHARYNX

POSITIVE PRESSURE
OCCURS IN THE
LUNGS

FIG. 2

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JOE7
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TRADEMARK

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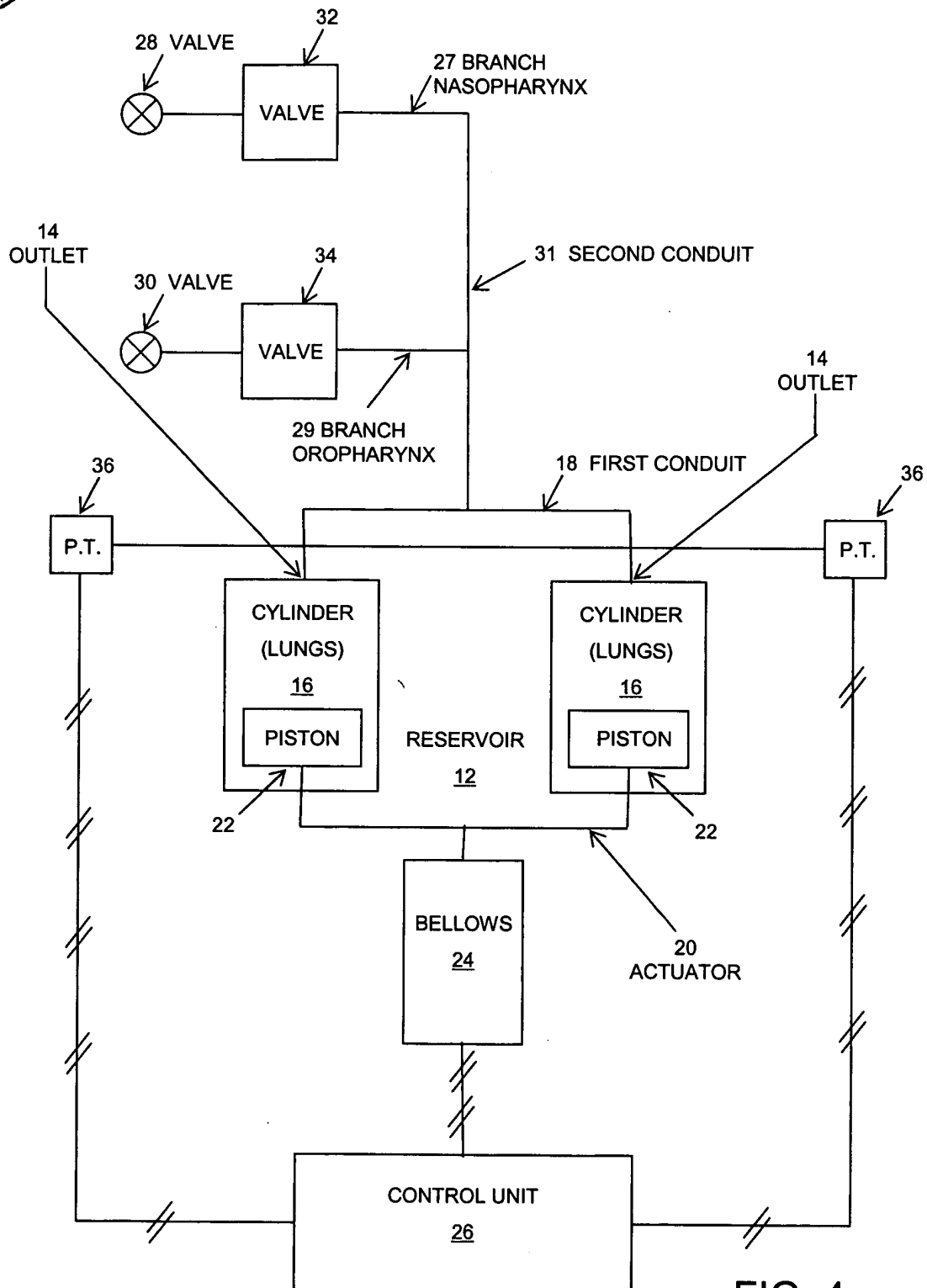


FIG. 4



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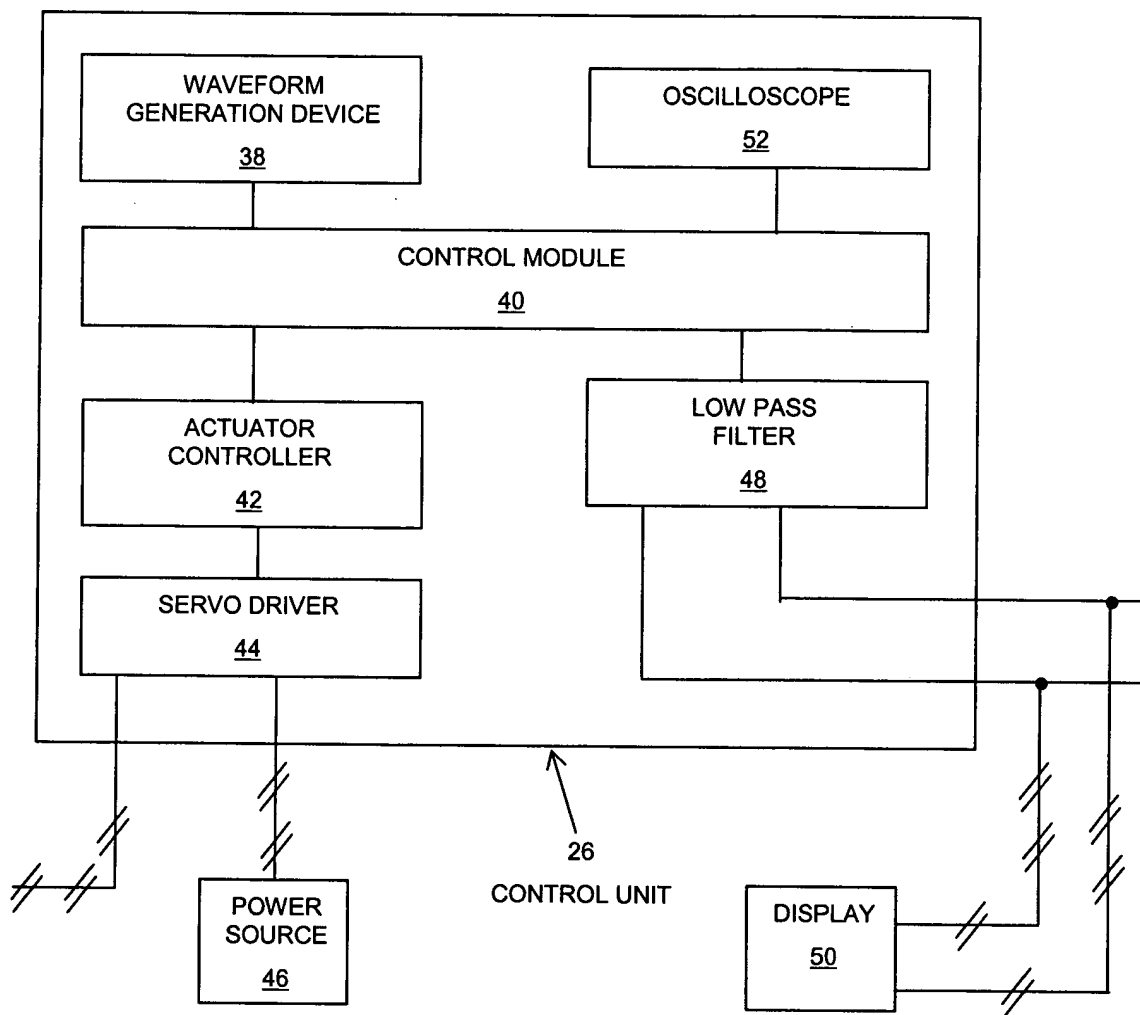


FIG. 5



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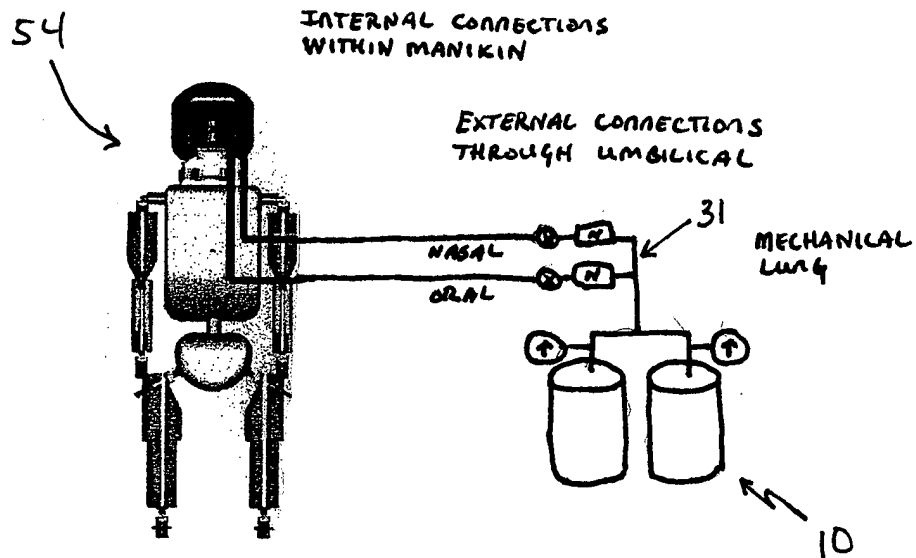


FIG. 8